

A system is provided for effecting a dynamic switch from an existing client-server connection established between a client node and a server node on a data-packet-network (DPN) to an alternate server-node connected to the network and accessible to the client node. In a preferred embodiment, the system utilizes a unique software module residing on and executing from a client-node, which functions to monitor current quality of service (QoS) data relative to existing client-server connections. The module opens temporary client-server connections to alternate servers while a user is connected to an existing server for the purpose of sampling QoS characteristics of the alternate servers and associated network paths and generating estimations of total value of services. The module compares actual QoS values with estimated values and selects an alternate server based on results of the comparison. A dynamic switch of server connection may be automatically achieved, which is largely transparent to a user operating the client node.